BRUHAT BANGALORE MAHANAGARA PALIKE

EXCECUTIVE ENGINEER DASARAHALLI PROJECT DIVISION

Name of work: Construction of Mustering centor for Pourakarmikas at Mallasandra Sy No 33 in ward no 13 Mallasandra Project Sub Divion Dasarahalli Zone

JOB NUMBER.: Est. Amount = 50.00 Lakhs

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for leveling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a)/2.3.1(I.tm No.2.1, P.No.5, SR:2016 17)								
	Levelling Site Area	Cum	1	28.00	7.50	2.00	420.00		
						Total Qty	420.00	305.17	128170.39
2	KSRB 2-2.3: Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width, in soft rock without blasting exceeding 1.50mtrs in depth including stacking the excavated stuff clear from edges of excavation with lead upto 50mt including cost of explosives, labour, HOM of equipment complete as per specifications, specification. No. KBS 2.1 C/2.9.4/2.18/2.19(I.tm No.2.6, P.No.5, SR:2016-17)								
	Ground Floor								
		Cum	1	6.50	7.50	1.20	58.50		
						Total Qty	58.50	1253.90	73353.41
3	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m.after breaking of clods complete as per specifications,specification. No. KBS 2.1(b)/2:3.5 (I.tm No.2.4, P.No.5, SR:2016-17)								
	Ground Floor								
	Column Footing								
	F1		12	2.20	2.00	2.50	132.00		
	F2		6	1.80	2.00	2.10	45.36		
	SSM Foundation		2	26.35	1.00	1.10	57.97		
			4	5.65	1.00	1.10	24.86		
			1	5.65	1.00	1.10	6.22		
			1	6.25	1.00	1.10	6.88		
	Sump	Cum	1	2.30	2.40	2.20	12.14		
						Total Qty	285.42		
	Deductions								
	C1		12	0.23	0.45	1.00	1.24		
	C2		6	0.20	0.38	1.00	0.46		
							1.70		
						Total Qty	283.73		
						Total Qty	283.73	469.82	133301.40
4	KSRB 2.14-1: Extra for additional lift of 1.5m. or part thereof for excavation In loose / soft or hard rock including cost of materials, labour complete as per specifications, specification. No. KBS (I.tm No.2.22, P.No.7, SR:2016-17)								
	Ground Floor								
	F1	Cum	12	2.00	2.20	1.00	52.80		
	F2		6	1.80	2.00	1.00	21.60		
						Total Qty	74.40	28.75	2138.97
5	KSRB 4-1.2 : Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (I.tm No.4.2, P.No.12, SR:2016-17)								
	Ground Floor								
	SSM Foundation								
			2	26.35	1.00	0.15	7.91		
			4	5.65	1.00	0.15	3.39		
			1	6.25	1.00	0.15	0.94		
	Footing Foundation								
	F1		12	2.20	2.00	0.15	7.92		
	F2		6	1.80	2.00	0.15	3.24		
	Flooring								
	Flagging Concrete	Cum	1	25.35	5.65	0.15	21.48		
			1	26.25	1.00	0.15	3.94		
			1	7.50	1.00	0.15	1.13		
						Total Qty	49.94		

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
	Dedection								
	C1								
	C2		12	0.23	0.45	0.15	0.19		
			6	0.20	0.38	0.15	0.07		
						Total Qty	**0.25**		
6	KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (I.tm No.5.6, P.No.23, SR:2016-17)						**Total Qty** **49.68**	**6594.11**	**327624.70**
	GroundFloor								
	SSM Foundation Below Ground								
	1St Step								
			2	26.35	0.90	0.45	21.34		
			4	5.65	0.90	0.45	9.15		
			1	6.25	0.90	0.45	2.53		
	2nd Step								
		Cum	2	26.35	0.75	0.45	17.79		
			4	5.65	0.75	0.45	7.63		
			1	6.25	0.75	0.45	2.11		
						Total Qty	**60.55**		
	Dedection								
	C1		12	0.23	0.45	0.90	1.12		
	C2		6	0.20	0.38	0.90	0.41		
						Total Qty	**1.53**		
						Total Qty	**59.02**	**5471.57**	**322946.79**
7	KSRB 5.3-3: Providing and constructing granite / trap / basalt size stone masoniy in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13) (I.tm No.5.9, P.No.23, SR:2016-17)								
	Ground Floor								
	SSM Foundation Above Ground								
			2	26.35	0.45	0.45	10.67		
			4	5.65	0.45	0.45	4.58		
			1	6.25	0.45	0.45	1.27		
		Cum	1	2.00	0.45	0.45	0.41		
						Total Qty	**16.92**		
	Dedection								
	C1		12	0.23	0.45	0.45	0.56		
	C2		6	0.20	0.38	0.45	0.21		
						Total Qty	**0.76**		
						Total Qty	**16.15**	**6540.53**	**105660.86**
8	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excludingcost of reinforcement as per specifications.Specification No. KBS Specification No. KBS 4.1,4.64.1,4.6(I.tm No.4.10, P.No.13, SR:2016-17)								
	Ground Floor								
	Above the Rock Surface								
			6	1.80	1.80	0.65	12.64		
	Column Footing								
	F1		12	2.00	1.80	0.65	28.08		
	F2		6	1.80	1.80	0.65	12.64		
	Column Footing Pedestal								
	PF1		12	0.60	0.60	1.00	4.32		
	PF2		6	0.60	0.60	1.00	2.16		
	Cloumn up to plinth level								
	C1	Cum	12	0.23	0.45	1.80	2.24		
	C2		6	0.20	0.38	1.80	0.82		
	Plinth Beam								
			2	26.75	0.20	0.35	3.75		
			4	5.65	0.20	0.35	1.58		
	Sump								
	Bottom		1	2.20	2.40	0.15	0.79		
	Top Slab		1	2.20	2.40	0.15	0.79		
	Flagging Concrete		1	26.25	0.90	0.15	3.54		
			1	7.50	0.90	0.15	1.01		
						Total Qty	**74.36**	**8129.60**	**604481.90**

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
9	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9 (I.tm No.2.10, P.No.6, SR:2016-17)								
	50% of Total Earth Excavation	Cum					141.86		
						Total Qty	141.86	165.96	23544.09
10	KSRB 2.5 : Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications, specification. No. KBS 2.9 9/2.9 10.1/2.1.1 (I.tm No.2.12, P.No.6, SR:2016-17)								
		Cum	1	15.00	5.65	1.00	84.75		
			1	11.35	5.65	1.00	64.13		
						Total Qty	148.88	331.93	49,416.49
11	KSRB 4.2.8. Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3its confirming to 1S9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (I.tm No.4.13, P.No.14, SR:2016-17)								
	Ground Floor								
	Column (Floor to roof)								
	C1		12	0.23	0.45	3.20	3.97		
	C2		6	0.20	0.38	2.70	1.23		
	Lintel Beam								
			2	26.35	0.20	0.15	1.58		
			3	5.65	0.20	0.15	0.51		
			2	5.10	0.15	0.15	0.23		
			3	1.55	0.15	0.15	0.10		
	Roof Beam								
			2	26.35	0.23	0.45	5.45		
			8	5.65	0.23	0.45	4.68		
	Roof Slab								
	Slab		1	26.95	6.75	0.15	27.29		
	Stair Case								
	Waiste Slab	Cum	1	0.95	0.95	0.15	0.14		
	Landing		1	0.80	1.40	0.15	0.17		
	Waiste Slab		1	2.15	1.40	0.15	0.45		
	Landing		1	2.15	1.40	0.15	0.45		
	Landing		1	0.80	1.40	0.15	0.17		
	Steps								
	Tread		16	1.30	0.15	0.15	0.47		
	Rise		17	1.30	0.15	0.15	0.50		
			4	0.95	0.15	0.15	0.09		
			1	26.35	0.85	0.15	3.36		
			1	7.80	0.85	0.15	0.99		
						Total Qty	51.83		
	Deduction								
	Stair case room slab		1	3.50	2.55	0.15	1.34		
						Total Qty	1.34		
						Total Qty	50.49	8320.40	420090.53
12	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded cum granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, nciuding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (I.tm No.4.6, P.No.12, SR:2016-17)								
	Ground Floor								
	Copping for SSM Foundation								
			2	26.35	0.45	0.15	3.56		
			4	5.65	0.45	0.15	1.53		
			1	6.25	0.45	0.15	0.42		
	Cills								
	Windows W	Cum	5	1.50	0.20	0.10	0.15		
	Ventilator V		3	0.60	0.20	0.10	0.04		
						Total Qty	5.69		
	Dedection								
			12	0.23	0.45	0.15	0.19		
			6	0.20	0.38	0.15	0.07		
						Total Qty	0.25		
						Total Qty	5.44	7110.30	38651.05

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
13	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (I.tm No.4.28, P.No.15, SR:2016-17)								
	Above the Rock Surface	Sqm	6	7.20		0.75	32.40	301.87	54988.78
	Column Footing								
	F1		12	8.00		0.75	72.00		
	F2		6	7.20		0.75	32.40		
	Column Footing Pedestal								
	PF1		12	2.40		1.05	30.24		
	PF2		6	2.40		1.05	15.12		
						Total Qty	182.16		
14	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, Sqm. propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.32, P.No.16, SR:2016-17)								
	Column	Sqm	12	1.40		5.10	85.68	478.29	56,820.71
	C1		6	1.20		4.60	33.12		
	C2					Total Qty	118.80		
15	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons.up to 3.50m from Ground level. Specification No. KBS 4.6.2 (I.tm No.4.18, P.No.15, SR:2016-17)								
	Ground Floor	Sqm	1	26.95	6.75		181.91	409.03	70,756.80
	Roof Slab								
	Sump		1	2.20	2.40		5.28		
	Top Slab					Total Qty	181.91		
	Deduction Beam Portion		1	3.50	2.55		8.93		
	Stair case room slab					Total Qty	8.93		
						Total Qty	172.99		
16	KSRB 4-6.9 Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.36, P.No.16, SR:2016-17)								
	Roof Edges	Sqm	2	26.75		0.15	8.03	886.01	10,525.80
	Roof Slab Edges		2	6.75		0.15	2.03		
			2	3.55		0.15	1.07		
			2	2.55		0.15	0.77		
						Total Qty	11.88		
17	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, Sqm propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I.tm No.4.34, P.No.16, SR:2016-17)								
	Ground Floor								
	Plinth Beam	Sqm	4	26.75		0.35	37.45	334.54	55,777.99
			8	5.65		0.35	15.82		
	Lintel Beam		4	26.35		0.15	15.81		
			6	5.65		0.15	5.09		
			4	5.10		0.15	3.06		
			6	1.55		0.15	1.40		
	Roof Beam		4	26.35		0.45	47.43		
			16	5.65		0.45	40.68		
						Total Qty	166.73		
18	KSRB 4-6.11 Providing and removing centering, shuttering, strutting, gqm propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 (I.tm No.4.38, P.No.16, SR:2016-17)								
	Stair Case	Sqm						620.73	6,427.66
	For stair case waiste slab		1	2.20		1.20	2.64		
	Landing		1	0.80		1.20	0.96		
			1	0.85		1.20	1.02		
	waist slab		1	2.15		1.30	2.80		
	Landing		1	0.95		1.20	1.14		
	Sides		2	2.20		0.30	1.32		
			2	0.80		0.30	0.48		
						Total Qty	10.355		

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
19	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 500 (I.tm No.4.46.2, P.No.17, SR:2016-17)								
	Steel	Tonne							
	For One Cum 125Kgs Qty Item No 9		1	9.29			9.29		
	For One Cum 112Kgs Qty Item No 12		1	5.65			5.65		
						Total Qty	**14.95**	**79201.23**	**1183999.13**
20	KSRB 5-14: Providing and constructing load bearing wall with with solid concrete blocks of size 400x200x200mm having block density not less than 1800kg/m3 having a minimum average compressive trength of 4.00 N/rrim2 confirming to JS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 \ including cost of ail materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.54 (I.tm No.5.26.1, P.No.25, SR:2016-17)								
	Ground Floor	Sqm							
	North and south wall		2	15.00		3.60	108.00		
	East side wall		1	5.65		3.60	20.34		
	wall at Dias		2	5.10		2.90	29.58		
			1	5.10		0.80	4.08		
	Back side wall		2	6.25		2.70	33.75		
	Parapet Wall		1	5.65		2.70	15.26		
			2	26.35		0.90	47.43		
	Near staircase		2	6.45		0.90	11.61		
			1	1.25		0.90	1.13		
			2	2.25		0.65	2.93		
						Total Qty	**274.10**		
	Deduction								
	Door		3	0.75		2.10	4.73		
			1	1.10		2.10	2.31		
			4	0.90		2.10	7.56		
	Windows W		6	1.50		1.20	10.80		
	Ventilator V		3	0.90		0.45	1.22		
						Total Qty	**26.61**		
						Total Qty	**247.49**	**1224.47**	**303038.35**
21	KSRB 5-15: Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength ofm 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 (I.tm No.5.28, P.No.25, SR:2016-17)								
	Ground Floor	Sqm	2	1.55		2.10	6.51		
						Total Qty	**6.51**	**935.67**	**6,091.20**
22	KSRB 9.4-1 : Providing White Sal wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 (I.tm No.9.10, P.No.51, SR:2016-17)								
	Frame	Cum	1	8.10	0.13	0.13	0.14		
	D					**Total Qty**	**0.14**	**83531.96**	**11,434.69**
23	KSRB 9.6.1: Providing and fixing in position fully panelled Mathi/ Nandi shutters for doors, with styles and rails of 35mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications, (excluding cost of fixtures) Specification No. KBS 9.34 (I.tm No.9.22, P.No.52, SR:2016-17)								
	Shutter	Sqm	1	1.55		2.00	3.10		
	D					**Total Qty**	**3.10**	**4590.79**	**14,231.44**

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24	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc., and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality. (I.tm No.7.10.2, P.No.33, SR:2016-17)									
	Windows W	Sqm	6	1.50		1.20	10.80			
						Total Qty	10.80	5093.91	55014.19	
25	KSRB 7.8: Providing and fixing in position in cement concrete 1:3:6 steel Sqm glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm thick reeded glass with teakwood beading of required size, all steel sections should confirm to I S 7452:1990, 4nos of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. AH the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM of machinery complete as per specifications. (I.tm No.7.8, P.No.32, SR:2016-17)									
	Ventilators V	Sqm	3	0.90		0.45	1.22			
						Total Qty	1.22	3887.73	4723.59	
26	KSRB 7.9 : Providing and fixing M.S.grill work for windows and Kgs ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 (I.tm No.7.9, P.No.32, SR:2016-17)									
	Windows W	Kgs	6	1.50		1.20	10.80			
	Total Qty in kgs (qty in Sqm *21 kg/sqm)						10.80			
						Total Qty	226.8	101.93	23117.81	
27	Providing and fixing Ceramic tiles of size 400x400mm for flooring, threads, steps and landing, laid on a bed of 20mm thick cement mortar 1:3 mix flush pointing with white cement mixed with matching colour pigment including curing, cleaning etc., complete. The work includes cost of all materials, mortar, labour charges for all items of work, hire charges for equipment, etc., complete as per specification. (I. No.-14.63, P.No.- 110, SR:2016-17)									
	Flooring	Sqm								
	For Wall		1	1.10		1.95	2.15			
	Toillet-1		1	2.85		1.95	5.56			
			1	1.50		1.95	2.93			
			1	0.60		1.95	1.17			
			3	0.75		2.10	4.73			
			1	1.69		1.95	3.30			
	Toillet-2		1	1.05		1.95	2.05			
			1	1.48		1.95	2.89			
			1	0.60		1.95	1.17			
			1	1.70		1.95	3.32			
	Toillet-3		1	0.95		1.95	1.85			
			1	1.60		1.95	3.12			
			1	0.60		1.95	1.17			
			2	0.57		2.65	3.02			
	passage		1	0.62		2.65	1.64			
						Total Qty	40.04	1404.81	56252.81	

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
28	KSRB 14-17.2 : Providing skirting, dadoing, rises of steps with colour glazed tiles 15x15cmc 6mm on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16,14.17 (I.tm No.14.41.1, P.No.106, SR:2016-17)								
	Skirting/Dadoing								
	For Floor								
	Toillet-1	Sqm	1	1.10	1.50		1.65		
			1	1.05	1.48		1.55		
			1	1.50	1.07		1.61		
						Total Qty	4.81	1400.89	6736.88
29	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. (I.tm No.15.19, P.No.114, SR:2016-17)								
	Out Side								
		Sqm	2	15.00		5.50	165.00		
			2	11.50		4.65	106.95		
			1	5.95		5.50	32.73		
			1	5.95		4.65	27.67		
						Total Qty	332.34		
	Deduction								
	Door		1	1.10		2.10	2.31		
			1	1.00		2.10	2.10		
			1	1.65		2.10	3.47		
	Windows W		6	1.50		1.20	10.80		
	Ventilator V		3	0.90		0.45	1.22		
						Total Qty	19.89		
						Total Qty	312.45	305.79	95545.22
30	KSRB15-3.7 : Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specification (I.tm No.15.16, P.No.114, SR:2016-17)								
	Inside								
		Sqm	2	15.00		3.60	108.00		
			1	5.65		3.60	20.35		
			1	5.65		2.90	16.39		
			3	5.10		2.90	44.37		
			4	1.55		2.90	17.98		
	sump		4	2.00		1.80	14.40		
	stair case waiste slab		1	1.00		1.00	1.00		
	Landing		1	1.40		0.80	1.12		
	stair case waiste slab		1	2.20		1.40	3.08		
	Landing		1	2.80		0.80	2.24		
	stair case waiste slab		1	2.25		1.40	3.15		
	Steps								
	Tread		7	1.30		0.20	1.82		
	Rise		8	1.30		0.15	1.56		
	Tread		1	0.38		1.30	0.49		
			1	0.38		1.30	0.49		
	Landing		1	0.80		1.40	1.12		
	Tread		7	1.30		0.20	1.82		
	Rise		8	1.30		0.15	1.56		
	Landing		1	1.30		0.75	0.98		
	Tread		3	0.75		0.20	0.45		
	Rise		4	0.75		0.15	0.45		
	Sump bottom slab		1	2.00		2.00	4.00		
						Total Qty	246.82		

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No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Deduction								
	D		1	1.65		2.10	3.47		
	D1		3	0.75		2.90	6.53		
	W		6	1.50		1.20	10.80		
	Opening-1		1	1.10		2.10	2.31		
	Opening-2		1	1.00		2.10	2.10		
						Total Qty	**25.20**		
						Total Qty	**221.62**	**288.80**	**64005.17**
31	KSRB 15-3-13 : Providing 12mm thick cement piaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. (I.tm No.15.21, P.No.114, SR:2016-17)								
	For ceiling								
		Sqm	1	15.00	5.65		84.75		
			1	5.10	5.65		28.82		
			1	6.25	5.65		35.31		
			1	26.35	0.60		15.81		
						Total Qty	**164.69**	**252.21**	**41536.23**
32	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.(I.tm No.15.33, P.No.115, SR:2016-17)								
	Wall (As Per qty of Internal Plastering)Item no.35	Sqm					221.62		
	Celling (As Per qty of Cilling Plastering)Item no.36						164.69		
						Total Qty	**386.31**	**32.67**	**12620.74**
33	KSRB 15-13.3: Providing and applying two coats dry distemper of approved brand, and shade on wall surface including priming coat and whitening after throughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter including preparing the surface even and sand paper sftiooth, cost of materials, labour, complete as per specifications. (I.tm No.15.47 P.No.116, SR:2016-17)								
	Wall (As Per qty of Internal Plastering)Item no.35	Sqm					221.62		
	Celling (As Per qty of Cilling Plastering)Item no.36						164.69		
	Out side						312.45		
						Total Qty	**698.76**	**73.18**	**51135.99**
34	Providing and fixing M.S. Hand railing for Balcony/Staircase etc., with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervalsof 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, weided and grinded wherever necessary etc., complete . The work includes cost of ail materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.(P.No-42 ,I No-7.35 of KPWD S.R 2016-17)								
	Hand Railing								
	In side	Sqm	2	1.15		1.00	2.30		
			1	2.65		1.00	2.65		
	For stair case		1	2.20		0.90	1.98		
			1	2.15		0.90	1.94		
			2	0.95		0.90	1.71		
			1	1.30		0.90	1.17		
						Total Qty	**11.75**	**3457.79**	**40,611.78**

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Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
44	Extra for water proofing the inside surface of tanks (OHT & UGT) applying of modified polymers soft acrylic esters coat @0.40 kg/sqm in 2 coats including all labour charges tools and equipment, all complete as per the specification(P.No-67 ,I No-10.5.3 of KPWD S.R 2016-17)								
	Sump								
	Wall	Sqm	1	8.40		1.50	12.60		
	Bottom Slab		1	2.20	2.40		5.28		
						Total Qty	17.88	372.44	6,659.19
								Total Constrution cost	44,21,192.10
								Design Report,Proof Checking & PMC Amount	88,423.84
								KRDL Charger 11%	4,86,331.13
								Sub Total	49,95,947.08
								Miscellaneous & Rounding Off	4,052.92
								Grand Total	50,00,000.00

Certificate:-

1. The work spot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike Limits.
3. The rates adopted based on the PWD SR Bangalore Circle for year 2016-17
4. The provisions made in the estimate are necessary and essential.

Consultants
For Sri Sai Consultants

Assistant Engineer
Dasarahalli Project Division
BBMP - Bangalore

Assistant Executive Engineer
Dasarahalli Project Division
BBMP - Bangalore

Executive Engineer
Dasrahalli Project Division
BBMP - Bangalore

ನಂ: ಸಿ/49/1718 ದಿನಾಂಕ: 01/03/2018
ರೂ. 50,00,000/- fifty Lacs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಜಿಬಿಎಂಪಿ

BBMP/CE/D2/TS/438/17-18 ದಿನಾಂಕ: 05/3/18
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